

TELREX ANTENNA

ASSEMBLY INSTRUCTIONS

MODEL

40M329

SERIAL NO.

37866

PUR. DATE

6/6/77

IMPORTANT!

WHEN REFERRING TO THIS CUSTOM-BUILT TELREX EQUIPMENT, PLEASE SUPPLY MODEL NUMBER, SERIAL NUMBER, DATE OF PURCHASE AND FROM WHOM, SO THAT WE CAN MORE EFFECTIVELY HANDLE YOUR INQUIRY.

NOTE:

TO HELP PRESERVE ELECTRICAL CONTINUITY, ONLY TELREX ANTI-SEIZE (ANTI-CORROSIVE) COMPOUND (NO OTHER) SHOULD BE APPLIED TO ALL ALUMINUM TUBING MATING SECTIONS. THIS IS CONTAINED IN THE ENCLOSED. ROUND PILL BOX. WARNING! DO NOT USE IT ON INSULATORS OR ACROSS ELECTRICAL CONNECTIONS.

ANTENNAS
SINCE
1921

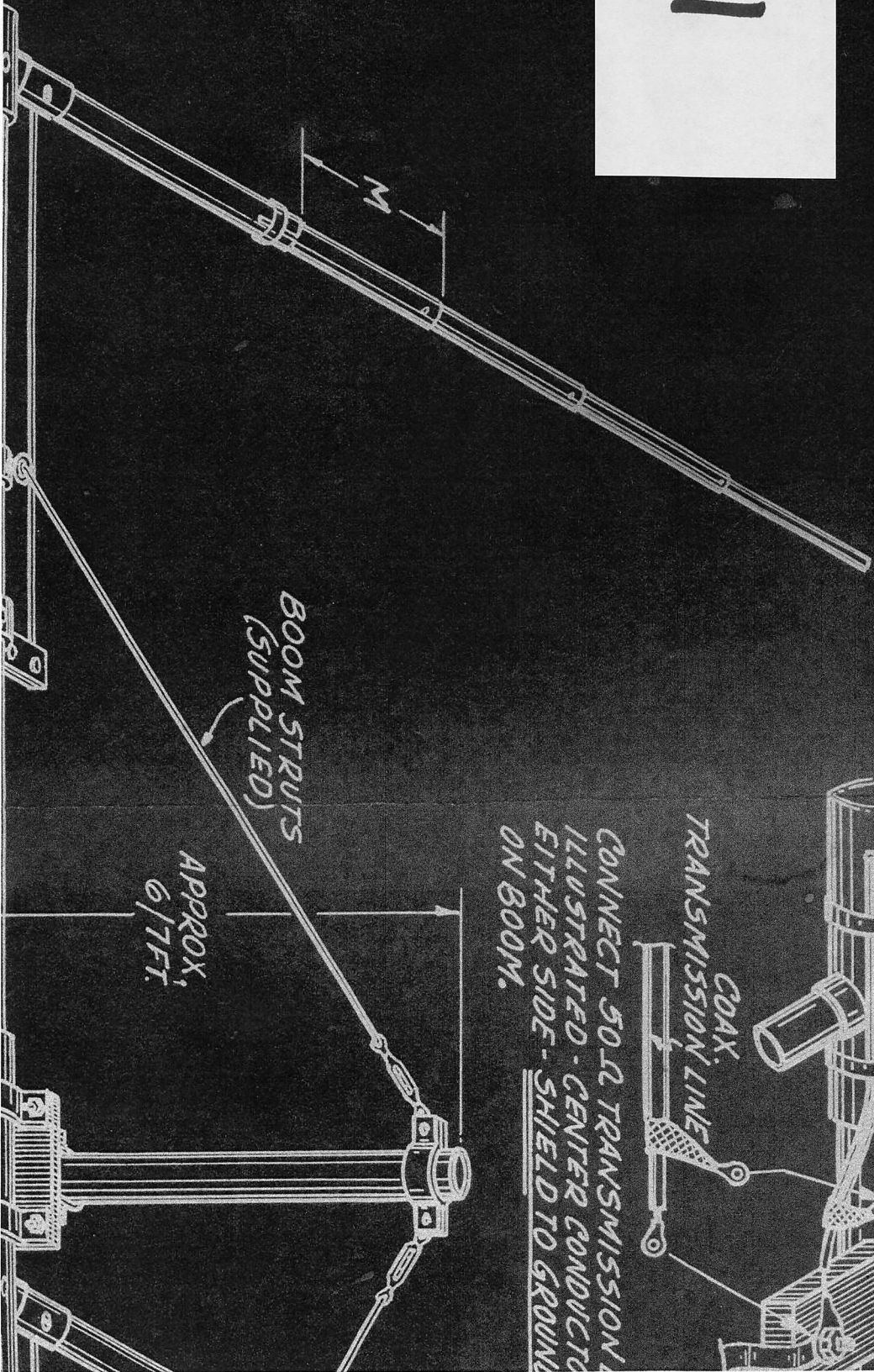
Communication and TV Antennas

telrex LABORATORIES

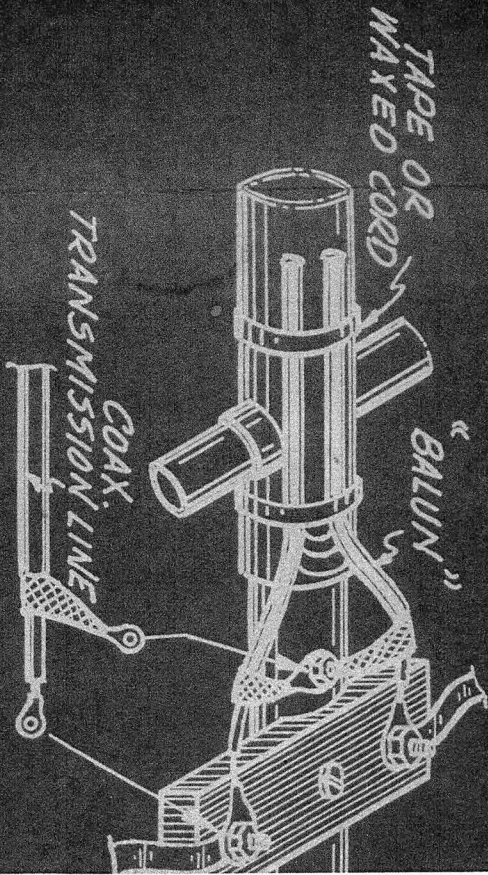
ASBURY PARK NEW JERSEY, U.S.A.

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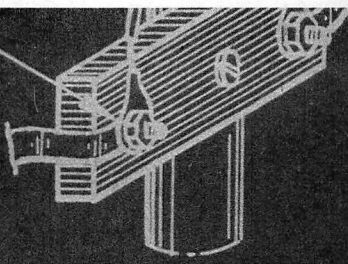


NOTE: "BALUN" TERMINALS MUST BE STRUTTED TO THE BOOM AND KEPT AWAY FROM THE DIPOLE - IF ALLOWED TO REST ON THE DIPOLE THEY CAN CHANGE FREQUENCY AND MATCHING QUALITY.

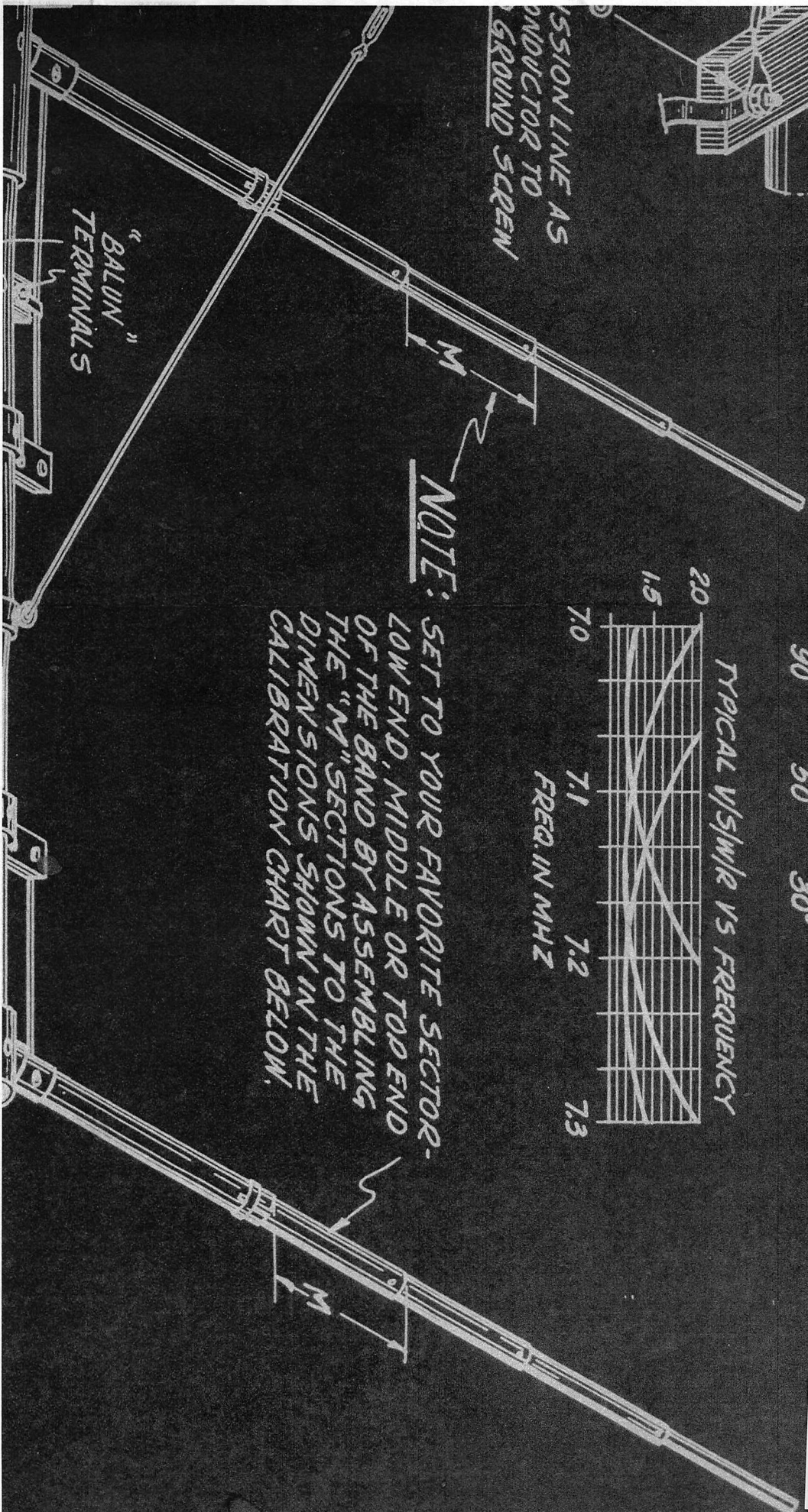


CONNECT 50 OH TRANSMISSION LINE ILLUSTRATED - CENTER CONDUCTOR EITHER SIDE - SHIELD TO GROUND ON BOOM.

BE STRAPPED CLOSE
AWAY FROM THE
TO REST CLOSE TO
CHANGE THE RESONANT
TUNING QUALITY.



SSION LINE AS
ONDUCTOR TO
GROUND SCREW

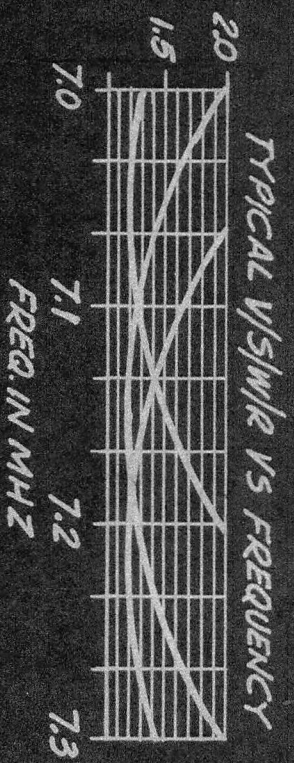
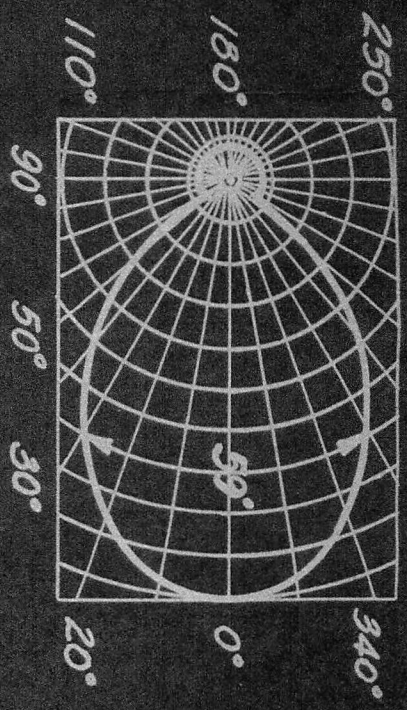


"BALUN"
TERMINALS

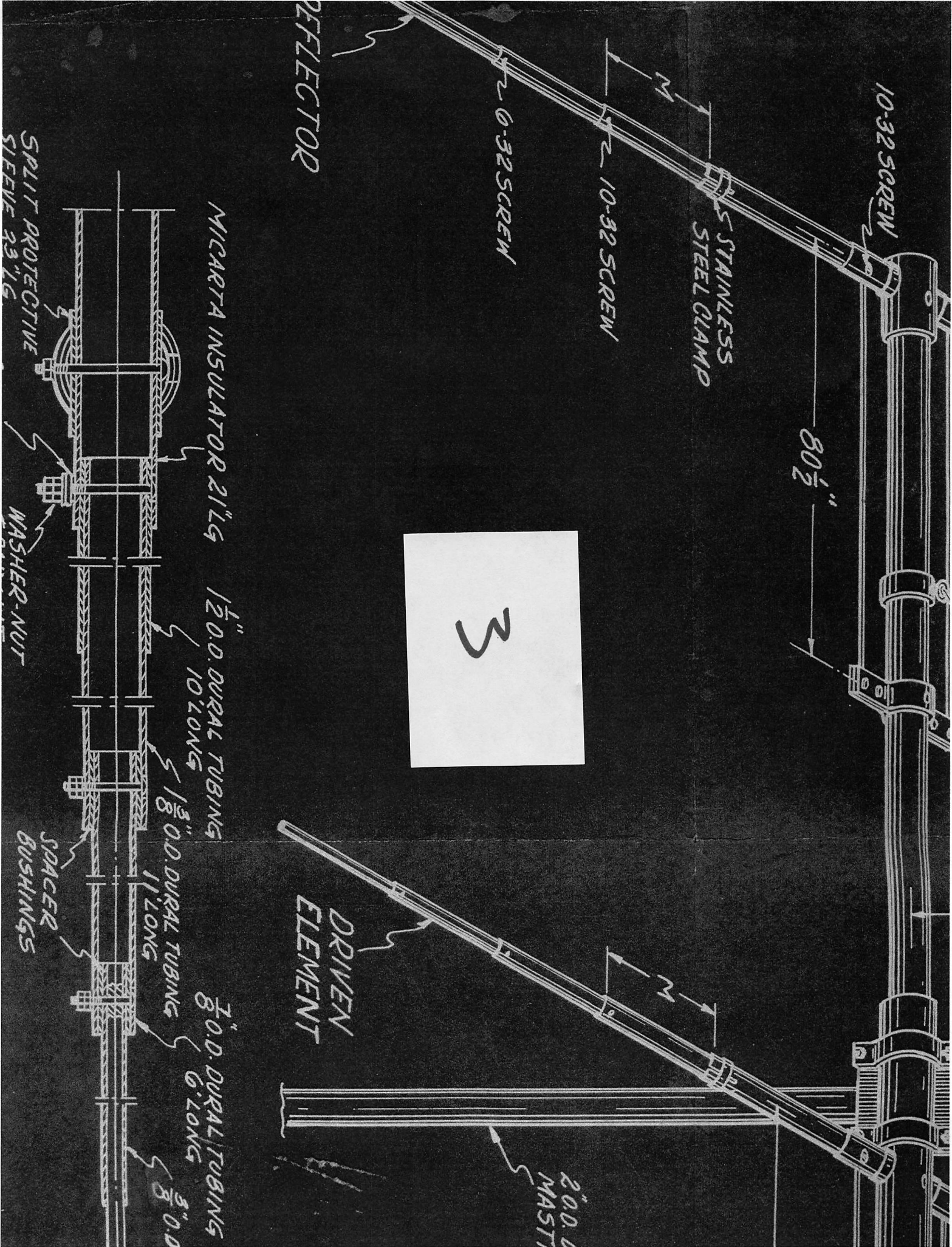
NOTE:

SET TO YOUR FAVORITE SECTOR-
LOW END, MIDDLE OR TOP END
OF THE BAND BY ASSEMBLING
THE "M" SECTIONS TO THE
DIMENSIONS SHOWN IN THE
CALIBRATION CHART BELOW.

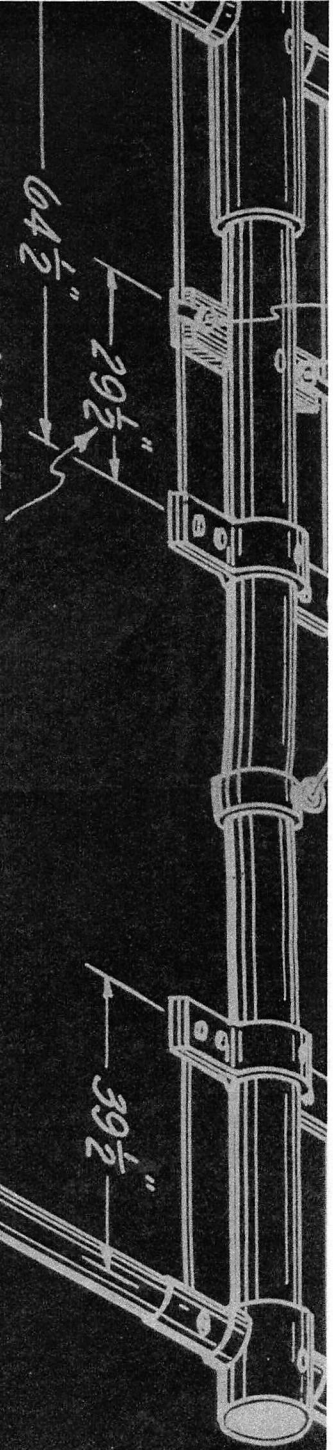
HORIZONTAL PATTERN
270° 310° 330°



2



3

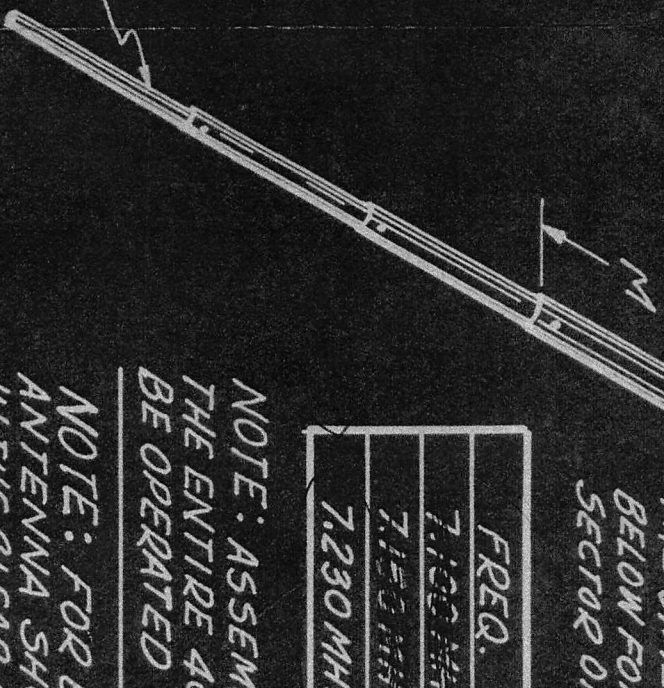


NOTE: - THIS DIMENSION IS VERY CRITICAL - MEASURE CAREFULLY.

2.0" O.D. DIAMOND "E" 1020 TENSILE MASTING AVAILABLE.



DIRECTOR

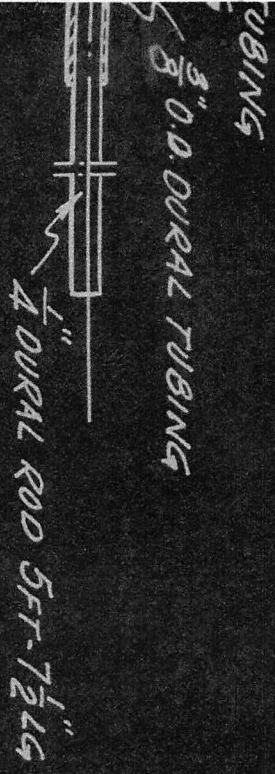


ALL ANTENNA ELEMENTS MARKED "M" CAN BE SET TO THE DIMENSIONS SHOWN BELOW FOR YOUR FAVORITE SECTOR OF THE BAND.

FREQ.	"M"
7.100 MHZ	10 FT 3 IN.
7.150 MHZ	10 FT 0 IN.
7.230 MHZ	9 FT - 7 IN.

NOTE: ASSEMBLED TO 7.150MHZ THE ENTIRE 40 METER BAND CAN BE OPERATED UNDER 2/1.

NOTE: FOR BEST RESULTS THE ANTENNA SHOULD BE INSTALLED IN THE CLEAR AT LEAST 65 FEET ABOVE THE GROUND.



ANTENNAS SINCE 1921

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COMMUNICATIONS AND TV ANTENNAS

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ELEMENT 40 METER ARRAY - MODEL NO.